



MEMORANDUM OF UNDERSTANDING

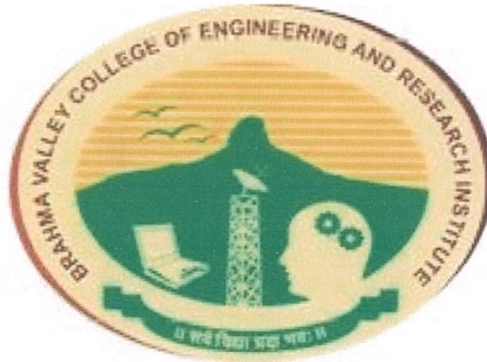
(MoU)

BETWEEN



ExcelR Solutions

&



**Brahma Valley College of Engineering and Research
Institute, Nashik**

FOR

**Student Development Programs, Faculty
Development Programs and Student Internships on
Different Emerging Software Technologies**

ExcelR Solution
49, 1st Cross, 27th Main, behind Tata Motors, 1st Stage, BTM Layout, Bengaluru, Karnataka 560068.
Email: enquiry@excelr.com | 1800-212-2120 (Toll Free)
www.excelr.com

MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (herein after called as the 'MOU') is entered into on this the 01st day of August Month 2021 (Date 01-08-2021), by and between **ExcelR Solutions**,
(Here in after referred as 'First Party')

And

**Brahma Valley College of Engineering and Research
Institute, Nashik**

(Here in after referred to as 'Second Party')

(First Party and Second Party are hereinafter jointly referred to as 'Parties'
and individually as 'Party')

WHEREAS:

1. First Party is a EdTech company: ExcelR Solutions
2. First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources and provide each of them with enhanced opportunities.
3. The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
4. Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

5. Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings.
6. First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to the second party in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
7. The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds, and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.
8. ExcelR would be the training delivery partner for the second party on various trending technologies.
9. ExcelR would be the training delivery partner for the student internships of second party on various trending technologies of minimum four weeks duration.
10. ExcelR will reach out to students to communicate about course details, webinars, blogs, industry events etc., which will be informative or promotional in nature.
11. Training & Development and dissemination of knowledge for students of second party & affiliated colleges and employees of both the organizations.
12. ExcelR would work with incubation centers/ innovation cells of second party (Case to case basis), to formulate the business cases and data collection process from various industry and academic bodies that are associated with the second party
13. Cooperation between both parties would be extended to any other area which may be mutually beneficial to both the organizations.

CLAUSE 2: SCOPE OF THE MoU

14. The budding graduates from the institutions could play a key role in technological up-gradation, innovation, and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
15. Software Technologies Training: The first party will provide the trainings to the students and Faculties of the second party on different technologies like Data Science, Data Analyst, Artificial Intelligence, Tableau, Python, etc., Research and Development
16. Skill Development Programs: First Party to train the students of second Party on the emerging technologies to bridge the skill gap and make them industry ready.
17. Guest Lectures: First Party to extend the necessary support to deliver guest lectures to the students of the second Party on the technology trends and in house requirements.
18. Faculty Development Programs: First Party to train the faculties of second Party for imparting training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
19. Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
20. There is no financial commitment on the part of the second party to enroll the students and faculties for the different free trainings run by the first party under Everyday Learning Initiation.
21. First party would extend the help in providing artifacts such as training records, certificates to the second party upon a written request from the second party. This information is limited to only the students of second party and at the discretion of first party.
22. In case, second party wants to conduct customized commercial trainings then this agreement can be amend/adding annexure with mutually agreed terms.

CLAUSE 3: INTELLECTUAL PROPERTY

23. The first party will have the sole rights on the curriculum and related content provided in the trainings and it cannot be replicated or copied without the consent of the first party.
24. Confidentiality: Except as may otherwise be required by law, each party will hold confidential, during and after the term of this Agreement, any confidential information disclosed to it or its representatives, and will not disclose any such confidential information to any third party.

CLAUSE 4: VALIDITY


25. The period of the agreement is valid for a period of 3 years from the date of signing of this agreement
26. This agreement will be valid only at the intentions of the parties involved therein, this MOU could be dissolved or cancelled by either party any time by giving 30 days' notice and shall not have any legal bindings in nature. should either or all the parties to it opt to not act upon, the MOU loses its validity.

CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

27. It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.
28. There is no obligation on second party and first party for conducting minimum number of paid or unpaid session during the term of MoU

AGREED:

For: ExcelR Solutions.



**Mr. Shyam Narayan
Director, HR, ExcelR**

Authorised Signatory

GST:27AAEF5003F1ZX

TIN: HYDE02965E

**Contact Person : Mr. Irfan Chaugule
Designation : Data Science Trainer | BDM
Mobile No: 8010245639
Email ID : Irfan.chaugule@excelr.com
Website : www.excelr.com**

**For: Brahma Valley College of
Engineering and Research
Institute, Nashik**



**Principal, Brahma Valley
College of Engineering and
Research Institute, Nashik**

Authorised Signatory

**Prof. Santosh Pawar
MoU Coordinator**



Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Rajaram Pangavhane (Patil)
Founder President

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

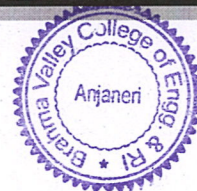
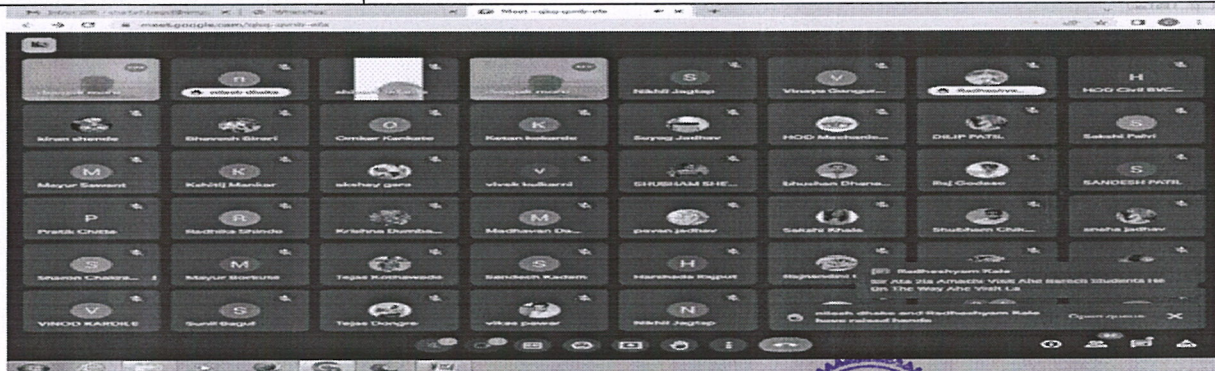
Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

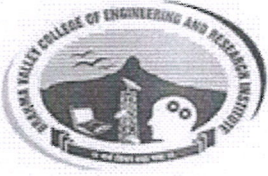
Unipune College Code - Engg. - 62, MBA - 1230

ACTIVITY REPORT

Title	German Language & Masters In Germany
Date	18/09/2020
Name of Expert	Mr.Irfan Chaughule
Designation	ExcelR, Nashik
Objectives	To acquire intercultural competency, especially skills of recognizing, describing, and engaging critically and comparatively with diverse perspectives and positionalities within German-speaking societies and within one's own.
Beneficiary	Mechanical Engineering Students
Number of Participants	102
Outcomes of Activity	<p>-For Bachelor's or Master's degree level, international students can enjoy free tuition in German public universities.</p> <p>-International Students only need to pay a small administrative fee or semester fee.</p> <p>- This is why so many Indian students choose to study abroad in Germany.</p>



[Handwritten Signature]



Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Rajaram Pangavhane (Patil)
Founder President

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Date- 12/09/2020

To,
The Principal
Brahma Valley College of Engineering
& Research Institute, Nashik

Subject: Request for your approval to organize a Expert talk on “German Language & Masters In Germany”.

Respected sir,


We the department of Mechanical Engineering want to conduct Expert “German Language & Masters In Germany”

It will be conducted on 18/09/2020.

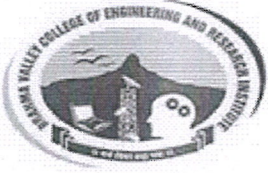
So, kindly permit as for the same.

Thanking you in anticipation.




HOD

Mechanical Engineering
Head of Department
Mechanical Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik-422 213



Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Date- 12/09/2020

Notice

All Mechanical Engineering Students are hereby informed that the Expert talk is organized on "German Language & Masters In Germany".

The Expert talk details are as given below:

Date : 18/09/2020

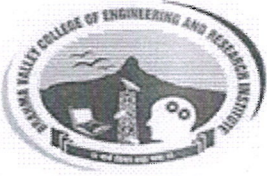
Time : 02:00 pm to 03:00 pm

Venue : BE Classroom

All Students Should Remain Present for the same.

HOD

Mechanical Engineering
Head of Department
Mechanical Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213



Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Date- 12/09/2020

Invitation Letter

To,
Mr.Irfan Chaughule
ExcelR, Nashik

Subject: Invitation to deliver Expert talk on “German Language & Masters In Germany”.

Respected sir,

The Department of Mechanical Engineering is pleased to invite you to deliver a talk on “German Language & Masters In Germany” on 18/09/2020. The aim of this session is to give knowledge of different innovative techniques used for ground improvement. Your experience will definitely help students to discover new opportunities in the field of pavement stabilization and ground improvement.

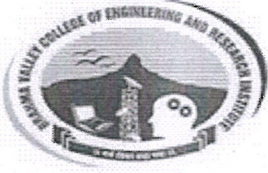
We look forward to a positive response from you soon.

Thanking You.

HOD

Mechanical Engineering

Head of Department
Mechanical Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213



Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Rajaram Pangavhane (Patil)
Founder President

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Date- 18/09/2020

Letter of Appreciation

To,
Mr.Irfan Chaughule
ExcelR, Nashik

Subject: Thanks for delivering a talk on “German Language & Masters In Germany”.

Respected Sir,

Thank you very much for delivering a talk on “German Language & Masters In Germany” on 18/09/2020 for the students of Mechanical Engineering. All the students enjoyed your session and definitely benefited to make their knowledge upgraded. We appreciate your efforts to deliver such a nice session.

Thank you once again.

I. Chaughule

[Signature]
HOD

Mechanical Engineering

Head of Department
Mechanical Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik-422 213



Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra & DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Ref. No. NGSPM.BVCOERI/COMPUTER/21-22/76

DATE :02/02/2022

To,
The Principal
Brahma Valley College of Engineering
& Research Institute, Nashik

Subject: Request to grant the permission to organize online workshop on " **Angular JS.** "

Respected Sir,

With reference to above cited subject, **Third Year & Last Year** Students are need to aware the importance of the "**Angular JS.**" for the future prespective which will help them in their modern way of the programming this new platform will project them to acquire future ready skillsets.

So we need to conduct one online program on "**Angular JS.**" on starting from **07th February 2022** on daily basis **3Hrs per Day** at time **11:00 AM** using **Zoom/Google Meeting.**

We request you kindly give the permission for the same.

Course Coordinator

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

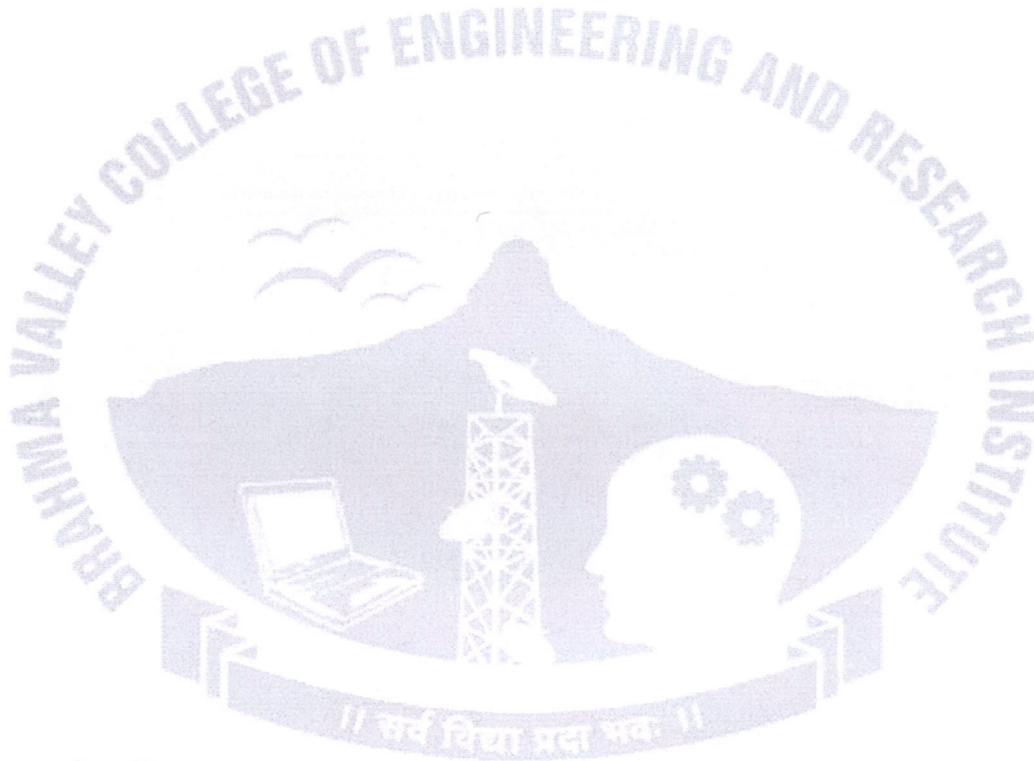
Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune
Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213
Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077
Nashik Office : (0253) 2311244, 2312904
E-mail : princi.bvcoe@gmail.com * Web : www.brahmavalley.com
Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Date: 04/02/2022

NOTICE

All the Third Year & Last Year students of the Computer Engineering Department are hereby informed that Online Workshop on “Angular JS” on starting from 07th February 2022 on daily basis, 3Hrs per Day at time 11:00 AM using Zoom/Google Meeting.. It is compulsory to attend this session.

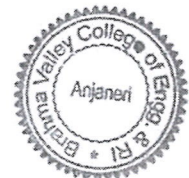


Course Coordinator

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra + DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Workshop On **Angular JS** for T.E. & B.E.

Syllabus Cum Day Wise Schedule



Day	CONTENT	INSTRUCTIONAL HOURS
1	<ul style="list-style-type: none">• Introduction• Environment Setup	03 Hrs
2	<ul style="list-style-type: none">• MVC Architecture• Create first Angular JS Application	03 Hrs
3	<ul style="list-style-type: none">• Directives• Expressions	03 Hrs
4	<ul style="list-style-type: none">• Controllers• Filters	03 Hrs
5	<ul style="list-style-type: none">• Tables• HTML DOM	03 Hrs
6	<ul style="list-style-type: none">• Modules• Forms	03 Hrs
7	<ul style="list-style-type: none">• AJAX• Views	03 Hrs
8	<ul style="list-style-type: none">• Scopes• Services	03 Hrs
9	<ul style="list-style-type: none">• Dependency Injection	03 Hrs
10	<ul style="list-style-type: none">• Custom Directives	03 Hrs

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.



Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com * Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Ref. No. NGSPM.BVCOERI/COMPUTER/21-22/82

Date-03/02/2022

Invitation Letter

To,
ExcelR
Pvt LTD

Subject: Invitation to conduct a Workshop on "Angular JS."

Respected sir,

On behalf of Brahma Valley College of Engineering & Research Institute, Nashik, we are very pleased to have the honor of inviting you to conduct a workshop at our institute. We would like you to speak on "Angular JS". The main objective of the workshop is to implant importance and necessity of 'Angular JS' in all aspects considering the current market trends.

We have arranged the workshop on **07th February 2022 on daily basis 3Hrs per Day at time 11:00 AM using Zoom/Google Meeting**. We are expecting an audience of approximately 30 students and faculty from the Computer and Other Engineering Department.

We request you to kindly accept the invitation.

Thanking You

With Regards,



Mr. Shyam Narayan
Director, HR, ExcelR

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra - DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 - Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com - Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Date: 21/02/2022

ACTIVITY REPORT

Sr. No	Description	A.Y. 2021-22
1	Title of Activity	Angular JS
2	Date & Venue	Starting from 07th February 2022 on daily basis 3Hrs per Day
3	Outcomes of Activity	<ul style="list-style-type: none">• Get familiar with client-side Javascript frameworks and the Angular framework.• Use various Angular features including directives, components, and services.
4	Description of Activity	An workshop as carried out to understand the Angular JS using theory and practical.
5	Objective	to create a web application and software training course.
6	Assessment of activity Outcome	Students Future Ready Skills
7	Feedback	Very Good



Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.



Rajaram Pangayhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com * Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Date: 04/02/2022

Letter of Thanks

To,
ExcelR
Pvt LTD

Dear Sir,

On behalf of Department of Computer Engineering Department, Brahma Valley College of Engineering & Research Institute, Nashik, we would like to extend our heartiest thanks for accepting our invitation for Workshop on “ **Angular JS** ” Conduction and addressing our students on **07th February 2022 on daily basis 3Hrs per Day at time 11:00 AM using Zoom/Google Meeting.** Company Workshop on ‘**Angular JS**’ will be helpful to our students to understand the to understand **Angular JS** on their own and this will also lead them to understand the imporatnce of **Angular JS** for Project and Job Ready Purpose.

Thank you for the time, talent and expertise you have given in the Expert lecture. We are expecting similar kind of cooperation in future.

Sincerely,



Mr. Shyam Narayan
Director, HR, ExcelR

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Date- 21/02/2022

Expert Feedback Form

Respected sir/madam, please give your valuable feedback

Name:- Irfan Chaugule

Organization:- ExcelR

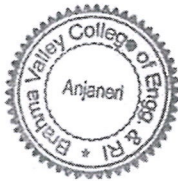
Designation:- Course Coordinator/Manager

Contact No.:- 8010245639

Topic of workshop:- Angular JS

Sr.No.	Description	Excellent	Very Good	Good	Adequate
1.	Audio/video system arrangement	✓			
2.	Cooperation from faculty/dept./institute		✓		
3.	Content understanding level of students	✓			
4.	Interaction of students		✓		
5.	Level of questions asked by the students			✓	
6.	Overall rating		✓		

Is there any additional feedback that you would like to offer?



Mr. Shyam Narayan
Director, HR, ExcelR

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.

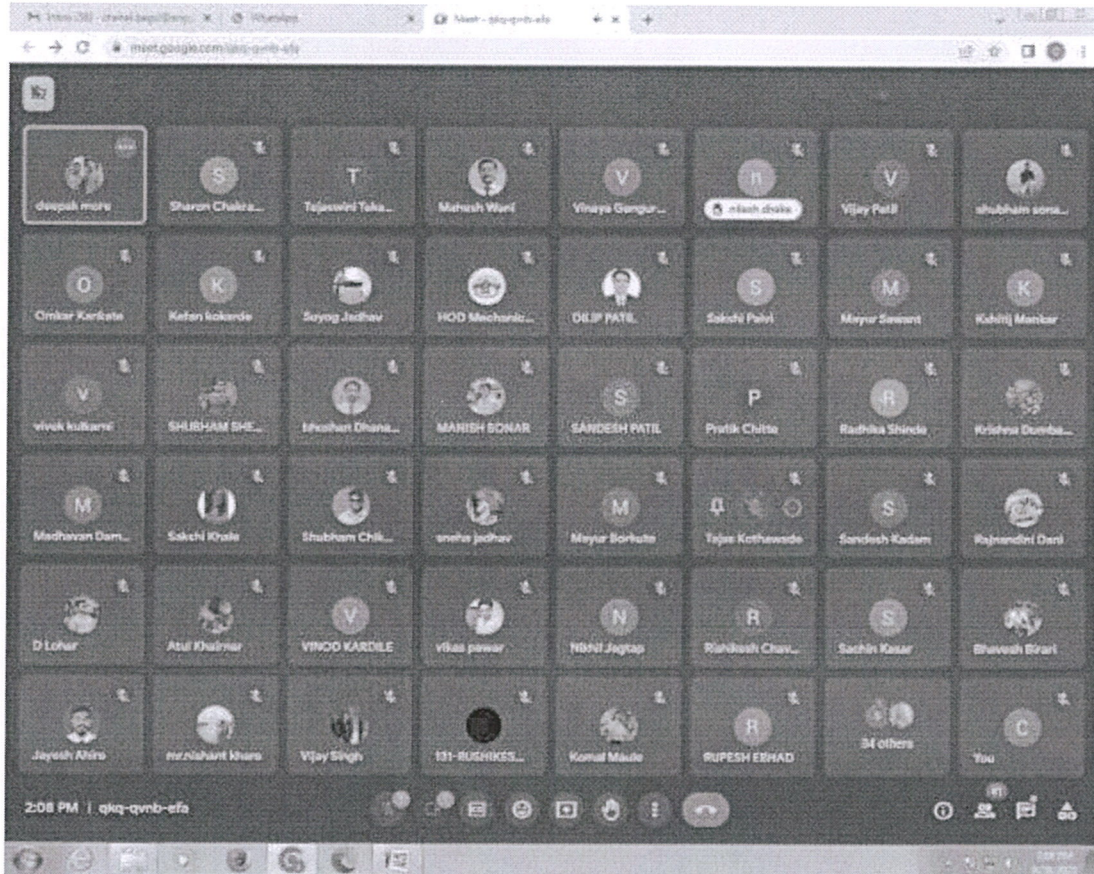


Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Rajaram Pangavhane (Patil)
Founder President

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune
Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213
Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077
Nashik Office : (0253) 2311244, 2312904
E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com
Unipune College Code - Engg. - 62, MBA - 1230



HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik-422 213





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com * Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Attendance for Online Program

Roll No.	Student Name
1	AMODKAR TANMAY KISHOR
2	BAN OMESH ONKAR
3	BHARIT DIKSHA DEVIDAS
4	BORADE SHWETA VISHNU
5	BORSE VIVEK SURESH
6	CHAUDHARI SWAPNIL KISHOR
7	DESHMUKH SAUDAMINI SUNIL
8	DHADGE SANJANA SANTOSH
9	DIKE KALYANI GANESH
10	DUMBARE PREETI SUNIL
11	GAIKWAD MAHESH SURESH
12	GAWALI SAHIL BHASKAR
13	GHODAKE VISHAL SANJAY
14	JAGTAP ANJALI GANESH
15	KALE DIVYA SANTOSH
16	KSHIRSAGAR UMESH SHANKAR
17	LABHADE VISHAL TANAJI
18	LAHIRE PRATHMESH VIJAY
19	MORE VISHAL PUNJARAM
20	MUKANE SARIKA JAGDISH
21	PALHARE PRATIKSHA BABAN
22	PATIL MANSI SANJAY
23	PATIL RUTUJA GANESH
24	PATIL RUTURAJ SURENDRA





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com * Web : www.brahmavalley.com

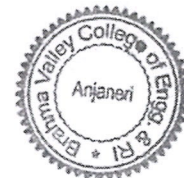
Unipune College Code - Engg. - 62, MBA - 1230

25	PRATIKSHA VASANT MALUNJKAR
26	SAGAR JAISWAR MOTHER
27	SALVE PRAJAKTA PRAKASH
28	SALVE SHITAL DILIP
29	SANAP ADITYA SUNIL
30	SANGALE RUSHIKESH
31	SARODE OMKAR GORAKASHNATH
32	SAWALE SUDHANSHU GOKUL
33	SHIRSATH VISHAL VASANT
34	SONAWANE AKASH RAJENDRA
35	SURYAWANSHI CHETAN AMBADAS
36	SURYAWANSHI HARSHAD BHAUSAHEB

HOD, Computer Engineering

W.B.

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra - DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Ref. No. NGSPM.BVCOERI/COMPUTER/21-22/57

DATE :02/08/2021

To,
The Principal
Brahma Valley College of Engineering
& Research Institute, Nashik

Subject: Request to grant the permission to organize online workshop on "**Data Analytics.**"

Respected Sir,

With refrence to abve cited subject, **Third Year & Last Year** Students are need to aware the importance of the "**Data Analytics**" for the future prespective which will help them in their proper way of the data gatheration and utilization, data platform and acquire future ready skillsets.

So we need to conduct one online program on "**Data Analytics**" on starting from **09th August 2021** daily basis, **3Hrs per Day at time 11:00 AM using Zoom/Google Meeting.**

We request you kindly give the permission for the same.

Course Coordinator

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik - 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra - DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 - Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com - Web : www.brahmavalley.com

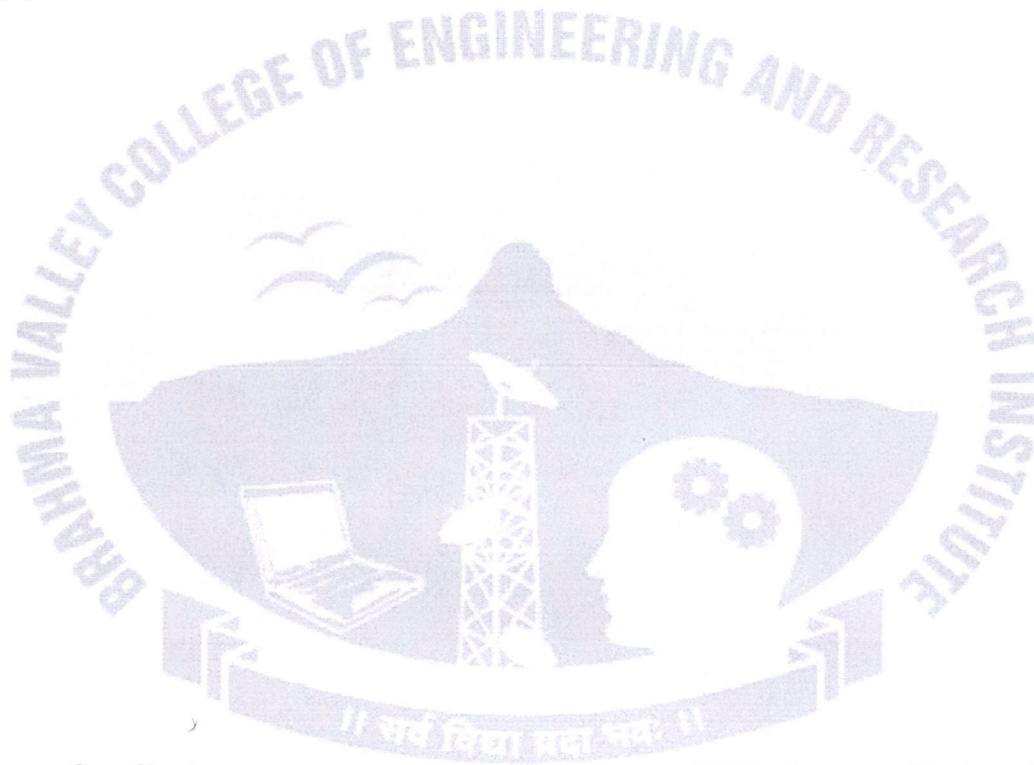
Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Date: 04/08/2021

NOTICE

All the Third Year & Last Year students of the Computer Engineering Department are hereby informed that Online Workshop on "Data Analytics" on starting from 09th August 2021 daily basis, 3Hrs per Day at time 11:00 AM using Zoom/Google Meeting. It is compulsory to attend this session.



Course Coordinator

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik - 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

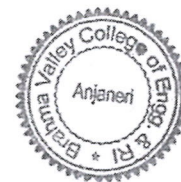
E-mail : principl.bvcoe@gmail.com * Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Workshop On Data Analytics for T.E. & B.E.

Syllabus Cum Day Wise Schedule



Day	CONTENT	INSTRUCTIONAL HOURS
1	Installing Packages <ul style="list-style-type: none">Finding resourcesInstalling resources	03 Hrs
2	Data Structures, Variables <ul style="list-style-type: none">Variables and assignmentData typesIndexing, subsettingViewing data and summariesNaming conventionsObjects	03 Hrs
3	Getting Data into the R Environment <ul style="list-style-type: none">Built-in dataReading data from structured text filesReading data using ODBC	03 Hrs
4	Control Flow <ul style="list-style-type: none">Truth testingBranchingLoopingVectorized calculations	03 Hrs
5	Functions in Depth <ul style="list-style-type: none">ParametersReturn valuesVariable scopeException handling	03 Hrs
6	Handling Dates in R <ul style="list-style-type: none">Date and date-time classes in RFormatting dates for modeling	03 Hrs

Contact Us : Anjaneri, Trimbak Road, Nashik - 422213.



Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Rajaram Pangavhane (Patil)
Founder President

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune
Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213
Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077
Nashik Office : (0253) 2311244, 2312904
E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com
Unipune College Code - Engg. - 62, MBA - 1230

7	Descriptive Statistics <ul style="list-style-type: none">• Continuous data• Categorical data	03 Hrs
8	Inferential Statistics <ul style="list-style-type: none">• Bivariate correlation• T-test and non-parametric equivalents	03 Hrs
9	Inferential Statistics <ul style="list-style-type: none">• Chi-squared test• Distribution testing• Power testing	03 Hrs
10	Group By Calculations <ul style="list-style-type: none">• Split apply combine strategy	03 Hrs



Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.



Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Ref. No. NGSPM.BVCOERI/COMPUTER/21-22/59

Date-03/08/2021

Invitation Letter

To,

ExcelR

Pvt LTD

Subject: Invitation to conduct a Workshop on “**Data Analytics.**”

Respected sir,

On behalf of Brahma Valley College of Engineering & Research Institute, Nashik, we are very pleased to have the honor of inviting you to conduct a workshop at our institute. We would like you to speak on “**Data Analytics**”. The main objective of the workshop is to implant importance and necessity of ‘**Data Analytics**’ in all aspects.

We have arranged the workshop on **09th August 2021 daily basis, 3Hrs per Day at time 11:00 AM using Zoom/Google Meeting**. We are expecting an audience of approximately 30 students and faculty from the Computer and Other Engineering Department.

We request you to kindly accept the invitation.

Thanking You

With Regards,



Mr. Shyam Narayan
Director, HR, ExcelR

HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra * DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 * Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com * Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Date: 23/08/2021

ACTIVITY REPORT

Sr. No	Description	A.Y. 2021-22
1	Title of Activity	Data Analytics
2	Date & Venue	09th August 2021 daily basis, 3Hrs per Day
3	Outcomes of Activity	<ul style="list-style-type: none">• Hand on practical Session on R• After this activity students will be able to understand Data Analytics• Better Job opportunities.
4	Description of Activity	Conduction of instllation, hands on practices and gain more depth of subject
5	Objective	In a world increasingly becoming reliant on information and gathering statistics, data analytics helps individuals and organizations make sure of their data
6	Assessment of activity Outcome	Students understand the types of Data Analysis using Data Analytics
7	Feedback	Very Good

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra - DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Department of Computer Engineering

Date: 04/03/2021

Letter of Thanks

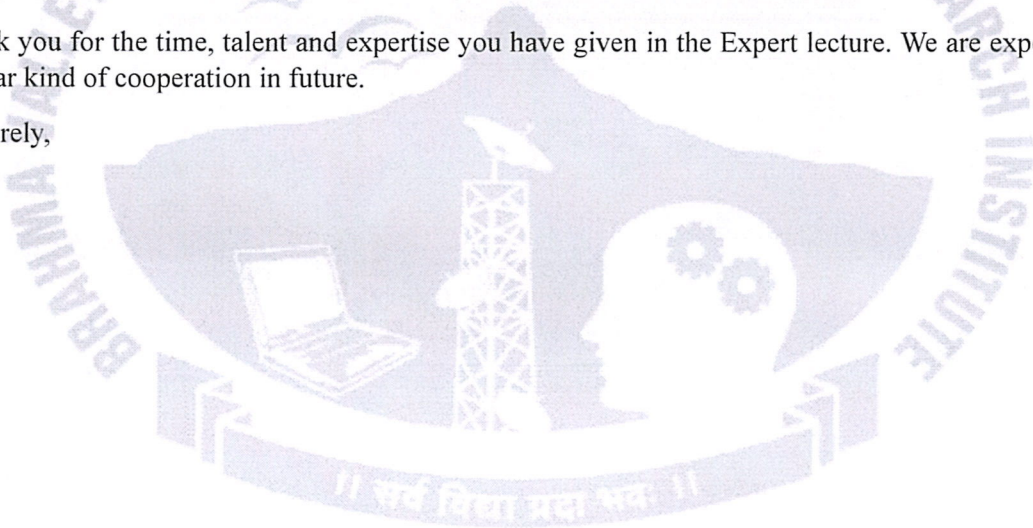
To,
ExcelR
PVT LTD

Dear Sir,

On behalf of Department of Computer Engineering Department, Brahma Valley College of Engineering & Research Institute, Nashik, we would like to extend our heartiest thanks for accepting our invitation for Workshop on "Data Analytics" Conduction and addressing our students on **09th August 2021 daily basis, 3Hrs per Day at time 11:00 AM using Zoom/Google Meeting**. Company Workshop on 'Data Analytics' will be helpful to our students to understand the to analysis of data and its applications on their own and this will also lead them to understand the imporantnce of Data Analytics.

Thank you for the time, talent and expertise you have given in the Expert lecture. We are expecting similar kind of cooperation in future.

Sincerely,



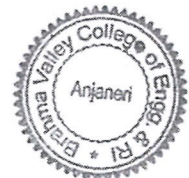
HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213



Mr. Shyam Narayan
Director, HR, ExcelR

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Date- 23/08/2021

Expert Feedback Form

Respected sir/madam, please give your valuable feedback

Name:- Irfan Chaugule

Organization:- ExcelR

Designation:- Course Coordinator/Manager

Contact No.:- 8010245639

Topic of workshop:- Data Analytics

Sr.No.	Description	Excellent	Very Good	Good	Adequate
1.	Audio/video system arrangement	✓			
2.	Cooperation from faculty/dept./institute		✓		
3.	Content understanding level of students	✓			
4.	Interaction of students		✓		
5.	Level of questions asked by the students		✓		
6.	Overall rating		✓		

Is there any additional feedback that you would like to offer?



(Handwritten signature)



Mr. Shyam Narayan
Director, HR, ExcelR

Contact Us : Anjaneri, Trimbak Road, Nashik – 422213.

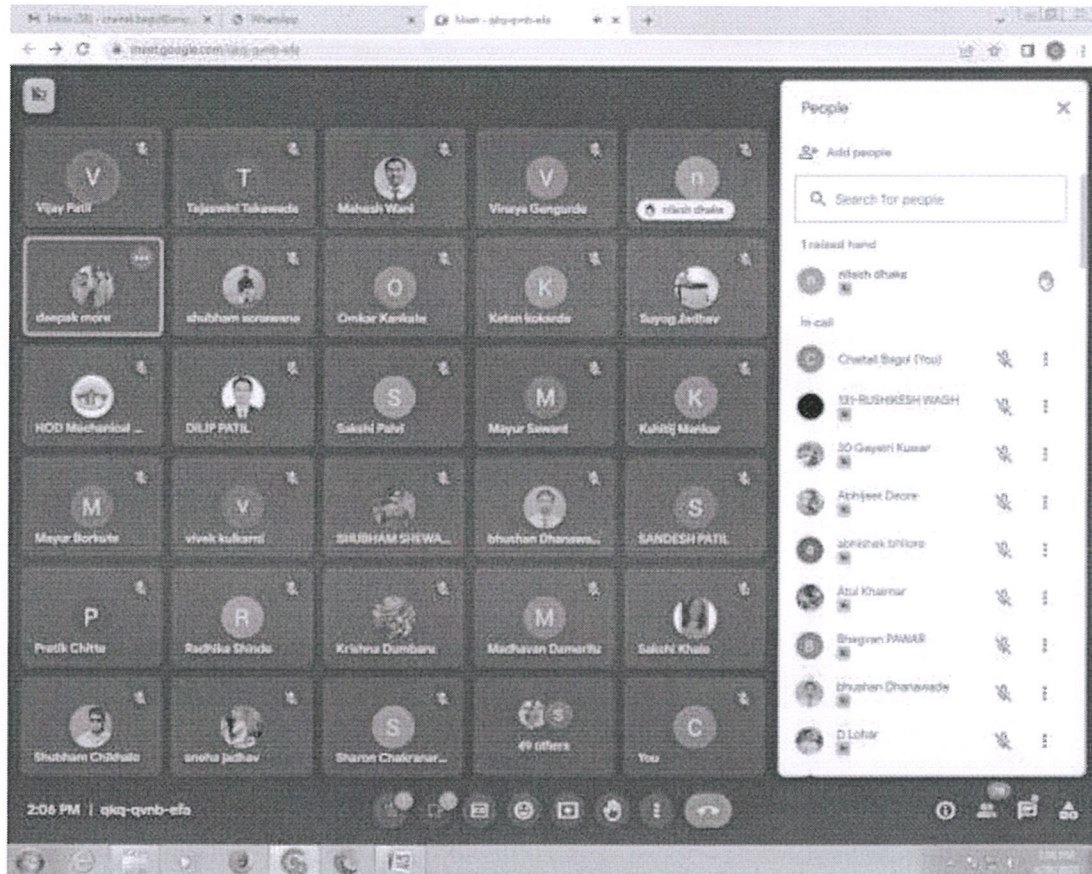


Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Rajaram Pangavhane (Patil)
Founder President

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune
Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213
Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077
Nashik Office : (0253) 2311244, 2312904
E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com
Unipune College Code - Engg. - 62, MBA - 1230



HOD, Computer Engineering

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune

Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213

Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077

Nashik Office : (0253) 2311244, 2312904

E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com

Unipune College Code - Engg. - 62, MBA - 1230

Attendance for Online Program

Roll No.	Student Name
1	AMODKAR TANMAY KISHOR
2	BAN OMESH ONKAR
3	BHARIT DIKSHA DEVIDAS
4	BORADE SHWETA VISHNU
5	BORSE VIVEK SURESH
6	CHAUDHARI SWAPNIL KISHOR
7	DESHMUKH SAUDAMINI SUNIL
8	DHADGE SANJANA SANTOSH
9	DIKE KALYANI GANESH
10	DUMBARE PREETI SUNIL
11	GAIKWAD MAHESH SURESH
12	GAWALI SAHIL BHASKAR
13	GHODAKE VISHAL SANJAY
14	JAGTAP ANJALI GANESH
15	KALE DIVYA SANTOSH
16	KSHIRSAGAR UMESH SHANKAR
17	LABHADE VISHAL TANAJI
18	LAHIRE PRATHMESH VIJAY
19	MORE VISHAL PUNJARAM
20	MUKANE SARIKA JAGDISH
21	PALHARE PRATIKSHA BABAN
22	PATIL MANSI SANJAY
23	PATIL RUTUJA GANESH
24	PATIL RUTURAJ SURENDRA





Rajaram Pangavhane (Patil)
Founder President

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute

Recognized by AICTE, New Delhi, Govt. of Maharashtra • DTE & Affiliated to Savitribai Phule Pune University, Pune
Brahma Valley Educational Campus, Trimbak Road, Anjaneri, Nashik - 422 213
Tel.: (02594) 220202/203, 220066 • Telefax : (02594) 220077
Nashik Office : (0253) 2311244, 2312904
E-mail : princi.bvcoe@gmail.com • Web : www.brahmavalley.com
Unipune College Code - Engg. - 62, MBA - 1230

25	PRATIKSHA VASANT MALUNJKAR
26	SAGAR JAISWAR MOTHER
27	SALVE PRAJAKTA PRAKASH
28	SALVE SHITAL DILIP
29	SANAP ADITYA SUNIL
30	SANGALE RUSHIKESH
31	SARODE OMKAR GORAKASHNATH
32	SAWALE SUDHANSHU GOKUL
33	SHIRSATH VISHAL VASANT
34	SONAWANE AKASH RAJENDRA
35	SURYAWANSHI CHETAN AMBADAS
36	SURYAWANSHI HARSHAD BHAUSAHEB
37	TAJANPURE ADITYA BHAUSAHEB

HOD, Computer Engineering

WAB

Head of Department
Computer Engineering Department
Brahma Valley College of Engg & R. I
Anjaneri, Nashik- 422 213

